

Title (en)
STATOR ASSEMBLY

Title (de)
STATORANORDNUNG

Title (fr)
ENSEMBLE STATOR

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Application
EP 02795110 A 20021206

Priority
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Abstract (en)
[origin: US2005082931A1] A stator assembly (20) has a plurality of splayed stator poles (31 - 36), divisible by six, with first (31) through sixth (36) poles being arranged successively within a predetermined angular range. Three winding phases (70, 72, 74) are arranged in delta configuration. For their connection, three current rails (U, V, W, 38, 40, 42) are provided. A first winding coil (51) is arranged on the first stator pole (31) between a first current rail (38) and the second current rail (40), the second winding coil (52) is arranged on the second stator pole (32) between the second current rail (40) rails and the third current rail (42), the third winding coil (53) is arranged on the third stator pole (33) between the third current rail (42) and the first current rail (38), the fourth winding coil (54) is arranged on the fourth stator pole (34) between the first current rail (38) and the second current rail (40), the fifth winding coil (55) is arranged on the fifth stator pole (35) between the second current rail (40) and the third current rail (42), and the sixth winding coil (56) is arranged on the sixth stator pole (36) between the third current rail (42) and the first current rail (38). Preferably, all the winding coils are continuously wound, without interrupting the winding wire (44).

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IPC 8 full level
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CPC (source: EP US)
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